

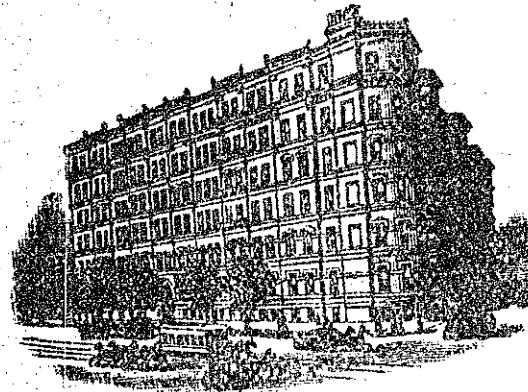
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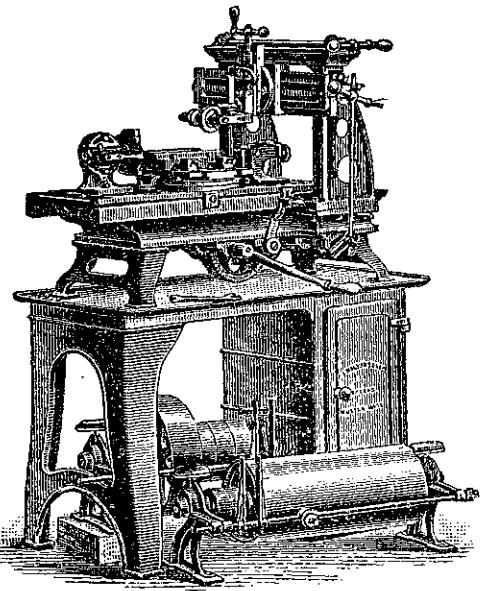
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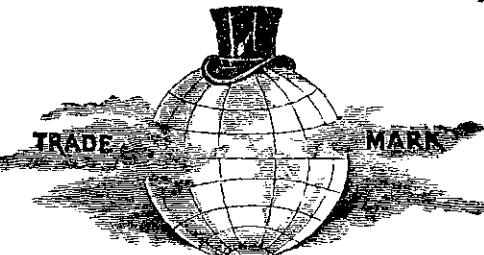
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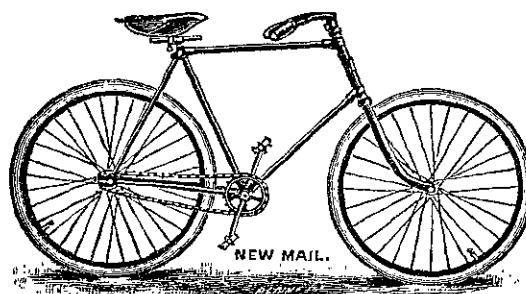
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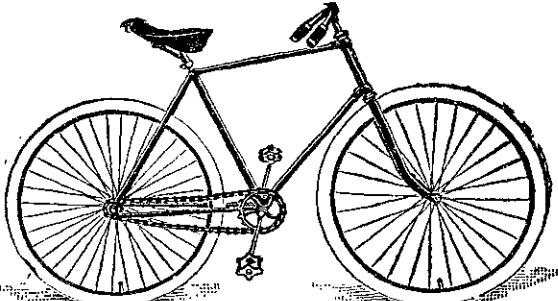
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The Tech.

VOL. XIII.

BOSTON, MAY 10, 1894.

NO. 30.

THE TECH.

Published every Thursday, during the college year, by students
of the Massachusetts Institute of Technology.

ANDREW DANIEL FULLER, '95, *Editor in Chief.*

CHARLES GILMAN HYDE, '96, *Assistant Editor in Chief.*

COLBERT ANDERSON MACCLURE, '94.

WILLIAM HERBERT KING, '94.

JOHN HOWLAND GARDINER, '95.

WILLIAM E. DAVIS, JR., '95.

EDWARD ARTHUR BALDWIN, '96.

BENJAMIN HURD, JR., '96.

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SHELDON LEAVITT HOWARD, '97.

EDWARD ARTHUR BALDWIN, '96, *Secretary.*

ROBERT DOUGLAS FLOOD, '96, *Business Manager.*
HARRIE P. CODDINGTON, '95, *Ass't Business Manager.*

Subscription, \$2.50 per year, in advance. Single copies, 10 cts. each.

For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

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ELDOM in the history of Technology has a year passed which has been so broadly successful as the one now nearly ended. Having completed the years of strong foundation, both the immediate work of our institution itself and the numerous outside interests of the student body have now been extended in a manner which must be entirely encouraging to everyone who has the welfare of Technology at heart. Rapid progress has been made in the establishment of those organizations and undertakings which distinguish and are component with older institutions. Through the efforts of the students, fostered by a faculty whose constant endeavor has been to promote them, a decided advance

has been made in those things which in their further development will mark an important era in our history.

Beginning with the excellent showing at Chicago, and the valuable gift of the Swedish exhibit, together with the formation of Course XIII., our departments have been supplied with new instruments, and others have grown in various ways. It is indeed unfortunate that a lack of funds prevented an enlargement along several lines where such an advance was anticipated. The appointment of members of the faculty to important positions on public committees, must be looked upon as an appreciative recognition of their ability.

The lively interest which has been shown by our Alumni Association during the past year, the formation of the Andover, Exeter, Maine, and other clubs, the important efforts of "Der Deutsche Verein" and "L'Avenir," the excellent work of the Glee and Banjo Clubs, the success of the initial French Plays and of the Junior Assembly, the increased attention paid to track athletics and the union of our Athletic Association with the New England Intercollegiate,—these, together with a host of other events, are too well known to require separate comment at this time. They show conclusively that Technology has been awake to her opportunities. While the complete failure of the 'Varsity Baseball team, and the unsuccessful work of Football are to be regretted, nevertheless, a lesson has doubtless been learned whose effects will be beneficial.

It is, therefore, with a feeling of intense satisfaction that THE TECH reviews what has been chronicled as an advance for Technology as a whole, with such bright prospects at hand for next year. THE TECH extends to instructors and students its best wishes for a pleasant vacation.

WITH the completion of the Editorial Board of the Ninety-Six "Technique," the work upon the coming Junior Annual has been fairly launched. The choice of candidates has been a fortunate one, and a congenial staff has been elected, composed of men of experience and ability, who are enthusiastic in the work. The selection of Mr. Hurd as Editor-in-Chief will, doubtless, be received with interest by almost everyone at Technology. While he has seen but little training, the position will be well filled.

It is hoped that the honor which is brought to Technology by the production of an annual which is not excelled by our sister colleges, will lead to a lively participation from the student-body, regardless of class feeling. Experience has shown that, however persistent are the efforts of the immediate board of editors and of the artistic staff, no annual has been successful without the help of numerous outside suggestions and contributions for every department. The past term has been peculiarly productive of material of interest to a "Technique" Board. Let upper and lower classmen alike begin to collect the necessary grinds and to hand in the requisite designs. It is for the honor of Technology as a whole that the coming annual should be heartily supported.

EVIDENTLY the students appreciate the efforts of THE TECH in providing for them a table in the library where they may enjoy the best college papers in the country; but when certain ones become so absorbingly interested in the perusal of the exchanges that they forget to return them, it becomes necessary to remonstrate both in the interests of the other students and of THE TECH.

Recently several of the best exchanges have disappeared, and unless the students restrain their enthusiasm for college literature before it leads them to such—to say the least—thoughtless abuses of privilege, it will be necessary to take away the table altogether.

HIS year, for the first time in the history of Technology, the annual prize drill of the cadet battalion is to be omitted. The decision by the Faculty to hold the drill was recently reversed at the request of Lieutenant Hawthorne, who reported that the last few drills had been so unsatisfactory, and the lack of interest so apparent, that the omission of the drill would be highly advisable. Instead of the prize drill there will be a purely formal inspection of the battalion by the Inspector-General of the Department of the East, though it is likely that the general idea of the programme as announced will be carried out, with the exception that no prizes will be awarded. This, with the recent decision of the Freshman Class not to hold a dance after the drill, will tend to make the entire affair far different from the enjoyable drills of past years, and many will regret that matters are in such a state as to prevent the usual pleasant termination to a year's work in the drill hall.

AT the coming Intercollegiate Championships on May twenty-third, Technology should certainly make an excellent showing. Since we entered the Association there has been a noticeable increase of interest shown by our athletes. A close contest among Amherst, Brown, Dartmouth, and Technology will be the result. All who are able should take advantage of the special rates made by the B. and A., to go to Worcester and support the large delegation of wearers of the red and gray, who will certainly be a credit to Technology.

HE TECH is glad to announce that the special issue of a Class-Day number is now assured. This number will be an especially entertaining one, and will contain matter of interest both to the undergraduates and to those who are soon to be alumni. In addition to the verbatim reports of the Baccalaureate Sermon and the speeches of the

Class-Day officers, THE TECH will present attractive accounts of all the events and incidents of the Class-Day season, including the Senior Assembly and the special concert of the Glee and Banjo Clubs, together with other interesting features.

Since it will be impracticable to issue the number until some few days after the close of the exercises, it will be necessary to sell THE TECH by subscription. If those who desire copies, therefore, will leave their names and addresses, together with the price of the number, fifteen cents, in THE TECH box in the Rogers Corridor, the number will be mailed to them immediately upon its issue.

Calendar.

- May 11th.—M. I. T. A. C. Class Championship games, Holmes Field, Cambridge, at 2 P. M.
 May 14th.—Lecture on "Street Pavements," by Mr. Henry Manley, C.E., in Room 49, Engineering, at 3.15 P. M.
 May 19th.—Recitations of the Institute suspended.
 St. Mary's A. C. open handicap games, Congress St. Grounds, at 2.30 P. M.
 May 23d.—Intercollegiate Championships at Worcester, 2 P. M.
 May 25th.—Reception to the Seniors by the Alumni Association, at 8 P. M.
 Meeting of Corporation of M. I. T.
 May 26th.—Glee Club Concert, Huntington Hall, at 8 P. M.
 May 27th.—Baccalaureate Sermon, Trinity Church, at 4 P. M.
 May 28th.—Class Day Exercises, Huntington Hall, at 2.30 P. M.
 Senior Assembly, Pierce Hall, at 8 P. M.
 May 29th.—Graduating Exercises, Huntington Hall, at half past two. President Walker's reception in the President's Room, at 4 P. M.
 May 30th.—Members of Summer School of Civil Engineering will start for Augur Lake, N. Y.
 Gloucester A. C. open handicap games, Gloucester, at 2 P. M.
 June 2d.—Clinton-Lancaster A. C. open handicap games, at Clinton, at 2.30 P. M.
 June 9th.—N. Y. A. C. open handicap and scratch games, Manhattan Field, N. Y., at 2 P. M.
 June 17th.—B. A. A. open handicap games, Irvington Oval, at 2.30 P. M.

COMMUNICATIONS.

The Editors do not hold themselves responsible for opinions expressed by correspondents.

TO THE EDITORS OF THE TECH:

I wish to reply to the criticism of the Athletic Club, which appeared in THE TECH, April 26th. The editorial in question referred to a lack of persistence

of the management in soliciting memberships for the Club. To intimate that the officers of the Athletic Club are lacking in energy, is both unjust and untrue. It is neither the province nor the custom for the officers of college athletic clubs to spend their time persuading men to join. The students are notified of whom membership tickets may be bought, and if they do not respond, it is not the fault of the management, but entirely that of the students themselves.

The management has a great deal of other work to do; and to show that the financial shortcomings of the Club are not due to anything else than the general apathy of almost all Technology men toward the athletic interests of the Institute, the following instance may be cited: When the Indoor Championships were held last March, opportunity was given to every Tech man to buy reserved seats before the general sale. Out of eleven hundred and fifty-seven students, how many took this opportunity to show their loyalty? There were exactly two. Just think of it! Only two men out of over eleven hundred!

If those men who know so little about the Athletic Club, but who are always so ready to give their advice and criticism, will kindly bear in mind the ratio $\frac{2}{1157}$, they will have some idea of the support and help which the M. I. T. A. C. Executive Committee receives from the students.

F. W. LORD.

TO THE EDITORS OF THE TECH.

DEAR SIRS: In *The Nation* of April 26, 1894, at the end of the note on "Lang's Homer and the Epic," the following passage occurs: "'Mankind exists, or should exist, not to live only, but, as Aristotle defines it, to live nobly. A noble and enjoyable life demands an imaginative participation in all that the human race has done, or said, or thought, which is excellent.' There is something inspiring in the sound of these words. They ought to be repeated again and again to that new type of person we are developing in our technical schools—that strange creature which, like the weasel, trains its eye to follow steadily and unweariedly, looking neither to the right nor to the left, the narrow, gilded track that leads to wealth, or at any rate to bread and butter."

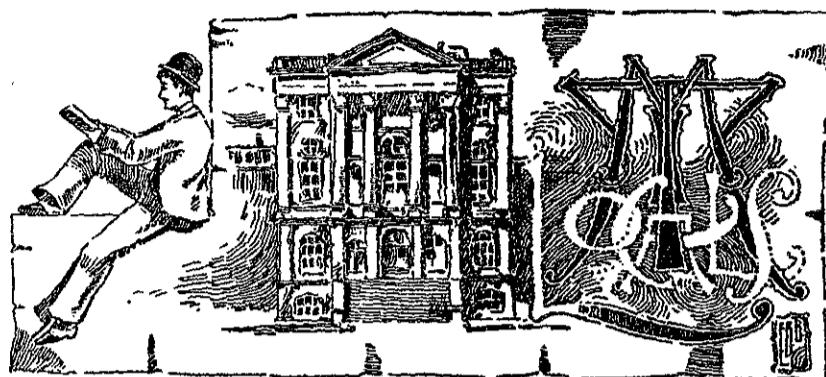
The writer of the above seems to imply that technical students are only developed along narrow lines. In general this may be true, although Technology certainly offers us a broad field in the departments of English and the Modern Languages.

One scarcely relishes being likened to a weasel following "the narrow, gilded track that leads to wealth," but those who obtain that end can afford to be reconciled, as they certainly will be more than usual creatures.

Respectfully,

CHARLES WILSON TAINTOR, '93.

DEDHAM, MASS., May 5, 1894.



Burnett will compete in the hammer, shot, and broad jump.

Farquar and Boeseke are both broad jumping in good form.

The annual meeting of K₂s was held May 2d at the Thorndike.

Intercollegiate Championships on Wednesday, May 23d. Everybody go!

A neat iron fence has been placed along the sidewalk by the Engineering Building.

Mr. A. Lawrence Lowell completed his course of lectures to the Freshmen last week.

The Glee Club will probably finish its season with the special concert in Huntington Hall, Saturday evening, May 26th.

The regular exercises of Technology will be suspended on and after Saturday, May 19th.

President Walker recently delivered a lecture to the students of Wellesley on "Bimetallism."

Mr. Warren D. King, '93, is now Electrical Engineer for the Broad Cove Coal Co., of Boston.

The pole vault is an uncertain event, and it is difficult to pick a winner. Shaw is doing the best work for Tech.

F. Hopkinson Smith has had a number of charcoal sketches of Venice exhibited at Doll & Richards, Park Street.

Hurd is a good man in the 220-yard hurdles on the 23d; he will give Chase, of Dartmouth, a close struggle in the high flights.

According to the rules of the Faculty, theses of candidates for graduation must be handed to the Secretary not later than May 15th.

General Walker was recently quoted as an authority on finance in the International Bimetallic Conference, now in session in London.

Mr. John R. Freeman will deliver a lecture to-night on "Hydraulics of Fire Protection and certain special Devices for Prevention of Fire."

Ginn & Co. have issued a convenient book for graduate students, which contains a list of the graduate courses in the chief American universities.

The design which won for H. Von B. Magonigle the Rotch Traveling Scholarship, may be seen in the Library of the Architectural Building.

Mr. Stanwood's room in the Engineering Building is being renovated previous to its being occupied by an exhibit of the Barbour Asphalt Company.

Mr. John G. Crane, '90, of the Barber Asphalt Paving Company, of Buffalo, will superintend the laying of some pavement in London during the summer.

E. A. Sumner, Jr., has been elected captain of the '97 track team. The team at present consists of Sumner, Grosh, Lane, Buck, Parker, McElwain, and Page.

The schedule of examinations for conditioned students and applicants for advanced standing are out. The first of these examinations will take place on September 12th.

Mr. Eliot C. Clarke, of the Corporation, delivered an interesting lecture on "Corporation Management" on May 2d, which was attended by many members of the senior class.

The Freshman annual examinations will occur as follows: Monday, May 21st, Political History; Tuesday, May 22d, Freehand Drawing; Thursday, May 24th, Military Drill.

The Boston Society of Architects visited the Architectural Department last week. They were especially pleased with the designs for the entrance to a "Ministère d'Agriculture."

Two large cabinets to contain the Swedish collection of iron which was received from the World's Fair have recently been placed in the Mining laboratory in the basement of Rogers.

Fourth-year men received a special invitation to Mr. G. L. Roberts' lecture on "Relations between Patent Law and Engineering," in Room 11, Rogers, last Thursday evening.

Those Seniors who have paid their assessments will receive the invitations to the Class Day exercises and to the Senior Assembly probably early in the week of May fourteenth.

Mr. George H. Goodell, '92, has been appointed engineer of tests of the N. Y., L. E. & W. R.R., and for the present his address will be Post-office Box 3, Susquehanna, Penn.

We regret to hear that Professor Holman has been ill for the last three weeks. His course in Electrical Measuring Instruments has been taken by Messrs. Puffer, Laws and Clifford.

Subscriptions for the Class-day Tech must be handed in at once. The price will be fifteen cents. The money should be enclosed in a sealed envelope, together with the subscriber's name, and deposited in "The Tech" box in the Rogers corridor, or at "The Tech" office.

John R. Freeman, '76, engineer and assistant chief of Inspection Department of the Associated Factory Mutual Insurance Companies, is to give a course of three lectures on "The Hydraulics of Fire Protection."

The Course IV. men are absorbed in their final work. For the Juniors, the problem in design is a portico surrounding a monument to a Musician, while the Sophomores are struggling with an entrance to a City Club.

The walls of the Architectural Building have been further decorated by some plaster casts of Gothic ornament collected by Mr. George Snell. Several water colors and charcoal sketches have also been placed on the walls of the upper floors.

At a meeting of the "Technique" Board on Wednesday, May 2d, Mr. Benjamin Hurd, Jr., was elected editor-in-chief. Mr. Rockwell will fill the position of athletic editor, leaving the position of one of the statisticians to be filled by the Electoral Committee.

The mentions given on the first problem in design for the Course IV. Sophomores were as follows: 1st second, J. F. Gayler; 2d second, Helen Chamberlain; 3d second, H. Von Holst; 1st third, R. W. Porter; 2d third, Margaret Hardon; 3d third, F. M. Miller.

The following publications have recently been added to the Course IV. library, by friends of the Institute: "The Grammar of the Lotus," by Wm. H. Goodyear; "Façade of the Cathedral of Florence, as Proposed," "Ancient Egypt, or Mizraim," by S. A. Binion.

The mining course will not go to Capleton, as expected, owing to an outbreak of scarlet fever in that locality. Negotiations are being made, however, for a trip to a gold mine near Halifax, and a coal mine at Sydney, Cape Breton. The expense for each student will be less than one hundred dollars.

It would greatly facilitate matters if all those who are training on the Oval would go to Mr. Graham each day and have their work assigned. In this way the candidates would get more good out of the afternoon's work, and the trainer would be enabled to become more thoroughly acquainted with the weak points of each man.

The first mentions given on the Senior Architects' sketch problem in design for "A Tomb for a Young Girl," were awarded to

H. W. Gardner and H. E. Hewitt. The Juniors who received first mentions on the design for an entrance to a Department of Agriculture were C. E. Birge, A. E. Zapf, and C. A. Phillips.

A number of graduates of Johns Hopkins met at the Parker House last Friday evening and formed a permanent organization, which will be known as the Johns Hopkins University Club of Massachusetts. President Gilman of the University, President Eliot of Harvard, and General Walker, were among the speakers of the evening.

The Civils have had an unusually large number of lectures this year. These have been both instructive and interesting. The large attendance noticed at each lecture shows that the efforts of the department have been well appreciated. Among the lecturers were Messrs. Carter, Howe, Noyes, Bowditch, Freeman, and Manley.

The annual inspection of the Freshman Battalion by the Inspector General of the Department of the East, will, in all probability, take place on May 24th in the South Armory. This inspection, since the annual drill has been given up, will be the most interesting work of the military department, and a large audience should be present.

L'Avenir held its last regular meeting on Wednesday, May 2d. The reports of the president and treasurer were read and approved, and resolutions were passed thanking all those who aided the society during the year. The Treasurer and one member of the Executive Committee then resigned, and W. O. Sawtelle, '97, and F. O. Bourne, '95, were elected.

On Wednesday, May 3d, the cadet captains called for a vote in their respective companies concerning the annual drill. One company unanimously opposed the drill, while in the remaining companies but eleven men were in favor of it. Such an overwhelming majority quickly decided the question, and the Fresh-

man class is looking forward with less apprehension to the end of the year's work in military science.

Examinations for admission to Technology will be held in the Rogers Building, Thursday and Friday, June 28th and 29th, beginning each day at nine o'clock A. M. The Fall admission examinations will be held on September 18th and 19th. Examinations will be held on June 28th and 29th also, in the following places: Belmont, Cal., Chicago, Ill., Cincinnati, O., Denver, Col., Detroit, Mich., Easthampton, Exeter, N. H., Louisville, Ky., New York, N. Y., Philadelphia, Pa., Pittsburgh, Pa., Poughkeepsie, N. Y., St. Louis, Mo., St. Paul, Minn., Washington, D. C.

An example of the excellent opportunities for studying the works and products of various manufacturing companies, which some of the departments offer to the students, will be found in the following list of the excursions to industrial works made by the third-year class in industrial chemistry during the present college year: Standard Sugar Refinery, South Boston; Merrimac Chemical Co., South Wilmington; Curtis Davis & Co., Soap Works, Cambridgeport; Charlestown and North End Gas Works; Russell Paper Mills, Lawrence, Mass.; Low Art Tile Works, Chelsea; Sewage Experiment Station, Lawrence; Boston Rubber Shoe Co., Malden.

Les Resolutions de L'Avenir.

Les membres de la société "L'Avenir" réunis en assemblée générale a 2 Mai, 1894, tiennent à remercier tous ceux qui les ont si gracieusement aidés pendant cette année, la première de leur existence. Ils tiennent à exprimer plus spécialement leur reconnaissance à Messieurs Charles et Léon Bernard, qui ont travaillé si fort pour le succès des comédies représentées par la société, à Messieurs Price, McJennett, Denison, Sherman, et Robertson, qui, quoique n'étant pas membres de la société,

ont gracieusement prêté leur concours à la représentation théâtrale de la société et aux membres du "Technology Orchestra" qui ont fourni la musique nécessaire.

Pour la société,

REGINALD NORRIS, *Pres.*
EARL P. MASON, *Sec.*

The Glee and Banjo Clubs.

THE Glee and Banjo Clubs held their final business meeting of the year last Friday afternoon in Room 22, Rogers. The report of the treasurer was read and accepted, and a vote of thanks was tendered to him for his efficient work. Although the clubs have in general been successful, their finances will show but a small surplus.

The invitation from the Alumni Association for each club to render a few numbers at the banquet to be extended to the graduating class on Friday evening, May 25th, was accepted, and also an invitation from the Class Day committee to give a concert on Saturday evening, May 26th.

A vote of thanks was extended to Mr. G. L. Lansing for his kindness in playing in the Northampton concert. Mr. R. B. Price, the president of the association, addressed the clubs, and in a few words reviewed the work done during the year, and spoke of the bright prospects for the next year.

Summer School of Geodesy, Topography and Geology.

THE locality chosen last year for the Summer School of Geodesy, Topography, and Geology, was found to be so singularly well fitted for the purposes of this school, that it has been decided to continue work in the same place. The place referred to is a district in the northeastern part of the Adirondack Region of New York, a few miles south of Keeseeville. The headquarters of the party will be the Interlaken House on Augur Lake,

a first-class hotel, usually opening about the first of July, but on account of the size of the school the proprietor makes a special arrangement to open a month earlier. In this way, comfortable quarters are secured directly on the field of work.

At the present time the names of eighteen members of the 3d year Surveying class have been entered as members of the school; some five or six of the class are still undecided, and there have been one or two applications sent in from outside of the Institute.

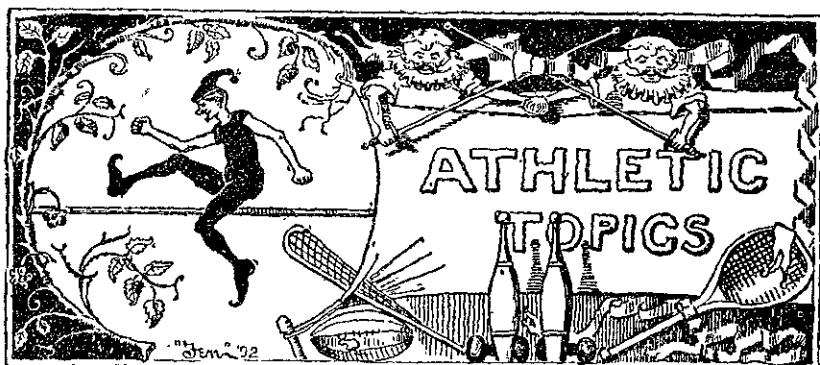
The instructing corps will consist of three professors and one instructor from the Civil and Geological Departments.

The party will leave Boston on the morning of May 30th. The work of the school will close June 27th.

The total expenses for students from the Institute, including railroad fares to and from Boston, need not exceed fifty dollars.

In the main the method of instruction and the character of the work will be the same as that of previous years, but a few new features will be introduced. The steel and brass tapes will be used in combination on the base line measurement, the different rates of expansion of these metals being utilized to determine the temperature correction. This determination will be checked by especially prepared mercurial thermometers. Trial will be made of the Buff & Berger precise level, and the new Tachygraphometer lately purchased by the Civil Engineering Department.

At the close of this season's work, if the conditions are as favorable as they were last year, the school will have made a topographical survey on a scale of six hundred feet to the inch, of some three or four square miles of territory, including the continuing of the bottom of Augur Lake from soundings. The Hydraulic field work will consist of the determination of the discharge of the Au Sable River, the guaging of the mill flumes at Keeseeville, and the rating of the different current meters on Augur Lake.



Special rates to Worcester and return, May 23d, have been made for trains leaving Boston at 5, 7, 8.30, 9, 11, 11.05 A. M. on the B. & A. R. R.

The team will leave in a special car on the 9 o'clock train. All who wish to go in this car may do so by applying to W. C. Marmon, manager of the track team. The fare for the round trip is \$1.35.

The class championship games take place to-morrow at 2 p. m. The following will act as officers of the meeting: Referee, T. Spencer, M. I. T.; Judges, M. L. Pratt, B. A. A., R. D. Waters, B. A. A., J. E. Morse, N. A. A.; Field Judges, J. Crane, Jr., M. I. T., G. S. Billings, B. A. A., A. S. Williams, H. A. A.; Timers, F. M. Wood, B. A. A., G. F. Brown, Jr., B. A. A., John Graham, B. A. A.; Starter, J. W. Bowler, C. B. G.; Clerk of Course, J. P. Ilsley, Jr., M. I. T.; Scorers, H. J. Boos, M. I. T., M. Stern, B. A. A.

Mr. Boos met with a painful accident last week while riding his wheel. In turning a corner the machine slipped from under him, causing a fall and a badly sprained wrist.

No admission will be charged to the games on Holmes' Field, Cambridge, to-morrow. No tickets were issued; all are cordially invited. The games commence at 2 o'clock, and will last until 6.

Tickets for the New England Intercollegiate game may be obtained on application to F. W. Lord, Captain of the Track Team.

The prizes for the class games, May 11th, will be awarded after the meeting.

The holder of the Class Championship cup for next year will earn it by a very narrow

margin, as all the classes are especially strong in athletics this year. The Juniors are straining every nerve to get possession of it. The Sophs have lost several Specials to '95, yet they are determined to keep up their record and win again; while the Seniors have many "dark horses," and may cause not a little anxiety to the other classes.

The Harvard cyclists wondered at Marmon, as he wheeled off the half in 1.15 the other day on Holmes Field. Harvard's best man makes only 1.20.

Sturgis, Vinton, and Ilsley comprise the games committee for the class championship meeting, to be held May 11th, on Holmes Field, Cambridge.

Burnett has given up baseball for track athletics.

The B. A. A. will hold a set of handicap games about May 19th.

The much talked-of game between the Junior Chemists and Chemical Engineers was played on Friday, May 4th, on the Congress Street Grounds. The result was a victory for the Engineers, who won through superior batting. The best playing was done by Hall for the Chemists, and by Hayward and Rockwell for Course X.

Following are the teams: Course V:—Blodgett, p; Wason, 1st; Dorrance, s; Ellis, 2d; Hall, c; Badger, 3d; Meserve, 1; Walworth, n; Sadtler, m. Umpire, John Murphy.

Course X:—Clapp, p and 2d; Hayward, c and 1st; Williams, 1st and c; Bixby, 2d and p; Rockwell, s; Newell, n; Dennison, 3d; Sturgis, 1; Powers, m.

Innings	.	.	1	2	3	4	5	6	7	8	9
Course V.	.	.	3	0	3	0	4	0	2	2	0—14
Course X.	.	.	3	4	0	2	0	2	7	0	x—18

L. Burnett, '96, has been doing some remarkable work in the standing high jump during the last few weeks, and, barring accidents, Technology ought to hold the intercollegiate record in that event after May 11th.

The Harvard Invitation Games.

THE largest set of games of the season was held on Holmes Field last Saturday, under the auspices of the H. A. A. Yale, Harvard, Dartmouth, Brown, Amherst, and M. I. T., also B. A. A., N. Y. A. C., and N. A. A. sent teams, yet Technology scored more points than any other team, with three firsts, three seconds, and one third to her credit.

The games opened with the high hurdles: Garcelon, H. A. A., Hurd, M. I. T., and Chase, D. C. A. A. won their trial heats. Munroe, H. A. A., the second man in the fastest heat, Garcelon, Hurd, and Chase toed the marks in the finals, and it was any one's race until Munroe hit the ninth hurdle, when Chase forged into the lead, and Garcelon and Hurd were having it out for second place. Chase (owes 8 yards) won in $17\frac{2}{5}$ seconds, Hurd (owes 7 yards) second, and Garcelon (owes 8 yards) third.

Marmon won his heat in the trial of the bicycle race in very pretty style, and in the final he would have won had he spurted sooner; but Farrell, from Cambridgeport, just pushed ahead within the last 10 yards, getting first, W. C. Marmon, M. I. T., second, and Glenny, of Yale, was third. Time, 2 minutes $29\frac{3}{5}$ seconds.

The 880-yard run was next: the scratch men at the eighth of a mile had passed Rockwell, M. I. T., who had 35 yards handicap. At the three-eighths, however, he had pushed into fourth place, and on the straight-away he ran for the tape as if the other men were held back, winning in 1 minute 58 seconds. Marmon, M. I. T., then distinguished himself in the two-mile bicycle, by starting with the limit of 175 yards, and beating the field by more than half a lap, in 5 minutes $22\frac{3}{5}$ seconds. Clapp, M. I. T. (55 yards), had as easy a time with the mile, and was quite fresh when he finished, a winner with more than fifty yards to spare. Time, 4 minutes $28\frac{3}{5}$ seconds. Rockwell, M. I. T., showed good head work in the quarter, just getting into the

finals, and then lacking only a few inches for first place. It was won by Jordan, of Yale, in $49\frac{1}{5}$ seconds; Chubb, of Yale, was third.

Hurd was fouled in the low hurdles, and was placed in the finals with Garcelon, Bremer and Fenollosa of Harvard and Lyon of Dartmouth. Garcelon (scratch) won in $25\frac{1}{5}$ seconds, which is $\frac{2}{5}$ of a second from the world's record. Lyon (4 yds.) was second, and Hurd a warm third.

The games were most satisfactory to Technology from an athletic point of view, as by them she gains confidence, and likewise is stamped as a dangerous rival for first place in the New England Intercollegiate Meeting at Worcester, May 23d.

AFTER THE MEETING.

F. C. Hersey, Jr., won second in the 100. Hersey is a very speedy man, and is missed at the Institute this year. He won the 100 at the N. A. A. games April 19th from scratch in $10\frac{1}{4}$ seconds.

John Graham could not but smile when Technology scored more points than Harvard and the other colleges.

Clapp ran right away from his rivals in the mile. He is said to be one of the sandiest runners around Boston.

Strader, M. I. T., was unable to keep his seat on the quarter-mile track. In the mile he was run into and thrown, and in the two his wheel slipped from under him in the same way.

Marmon won the half in hollow style. The bunch could not gain on him, so they fought it out for second place.

Rockwell deserves special mention for the manner in which he negotiated the half. No fault could be found with his running in the 440. Watch him in the class games to-morrow.

The Sophomore-Freshmen Game.

AMID the irritating blasts of horns, and the heartrending discords of two German bands, the Sophomores defeated the Freshmen in the annual struggle for baseball supremacy. A beautiful day, a jolly, enthusiastic crowd, and a true spirit of class rivalry made the game interesting, although somewhat one-sided.

The game began promptly, with '96 at the bat. The first inning was uneventful, but the second virtually decided the contest. One after another the Sophomores drove the ball where they wished, and when at last the side was retired, '96 had 9 runs and '97 none. Again Burnett, who was at his best all through the game, shut out the Freshmen with his steady pitching, and the excellent support which Howland gave him.

In the third inning an unfortunate accident occurred. Goudry, the catcher of the Freshman nine, collided with McCarthy, the 3d baseman, while running for a foul, and was so badly injured that Weymouth was obliged to take his place.

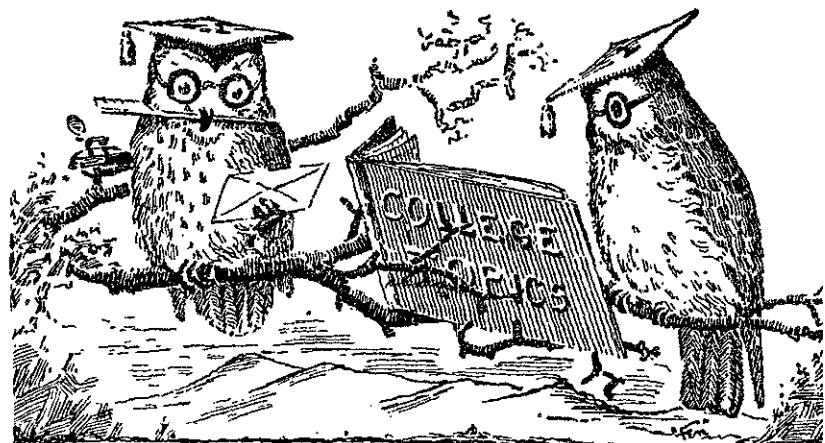
During the latter part of the game the Freshmen played a much better game, and Burnett's pitching lost some of its effectiveness.

The Sophomores played a steady game from beginning to end, but the Freshmen, although badly beaten, made many brilliant plays. Page and Ilsley made a very pretty double play, putting one man out on a fly and another at second, while Page made a running catch in the eighth inning that was phenomenal, and he well deserved the cheering that he received.

For the Sophomores, Burnett '96 and Howland both did excellent work. Lewis did the best fielding for '96, and his batting and base running were also excellent.

The score by innings was as follows:—

Innings	1	2	3	4	5	6	7	8	9
'96	2	7	3	3	0	1	1	0	3—20
'97	0	0	2	0	0	1	0	1	0—4



The statue of Benjamin Franklin which stood in front of the electric building at the World's Fair, has been presented to the University of Pennsylvania.

A press club has been formed at Williams, under the name of "The Williams Press Club."

The students of the scientific school at Yale are to publish a periodical entitled, *The Yale Scientific Monthly*.

Students at University of Michigan are making a surface planer which will weigh two tons. It will be used in the laboratory.

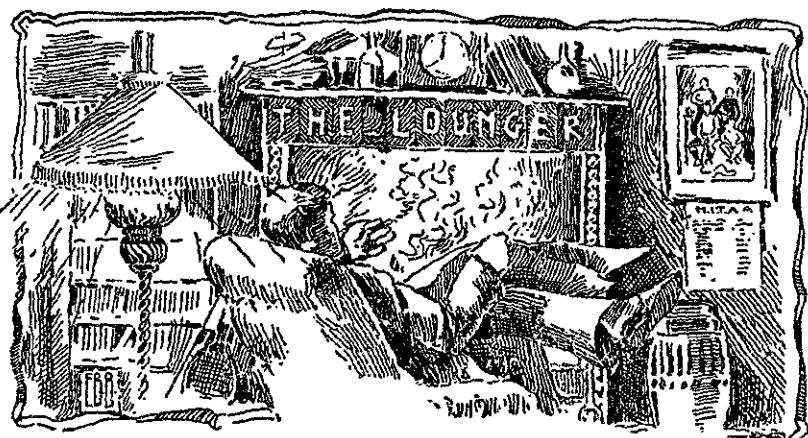
Mt. Holyoke Seminary is more richly endowed financially than either Radcliffe or Wellesley College. It has productive funds to the amount of \$270,000, Radcliffe has from \$210,000 to \$220,000. Wellesley has a fund of about \$200,000, and has doubled its wealth in the last ten years.

The upper classmen of the Yale Medical school have decided to issue a magazine devoted to the interests of medical science.

The first annual debating contest between representatives of Cornell and Pennsylvania, was won by the latter by one point out of sixty-six.

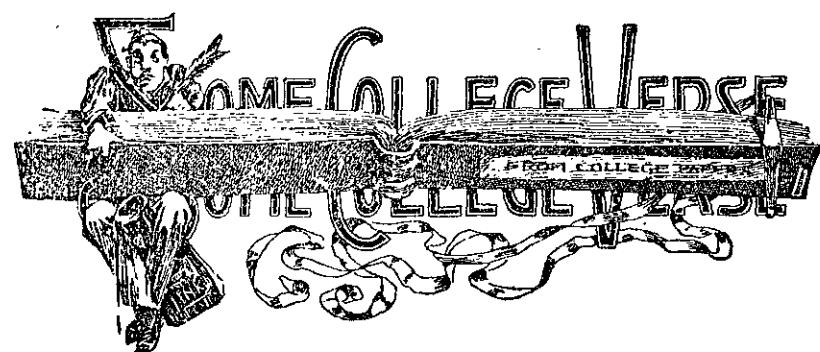
Two professional pitchers from the New England League have been engaged to pitch to the Harvard nine for batting practice.

On the petition of over four hundred Harvard students, Jarvis field will be cut up into tennis courts. No more football games will be played there.



VACATION days present too many attractions to the Lounger for a prolonged stay at the Institute now that the exams are in sight. It is not his fault that a premature entrance to Tech marked him as one of those who must take the exams now forbidden to others, and he has, therefore, decided to decamp. The Faculty are much disappointed, and have made the offer of an unexpected holiday at Worcester, in order to induce him to remain, but it is of no use. What is one holiday compared with a whole summerful? Perchance at class day he may return to note the efforts of the impromptu orators, who, according to the custom, will proceed to analyze the unknown virtues of the Institute, but till then his friends must grind along without his genial presence. The Tech presents few attractions now. The steps are becoming "slimly attended," and even the statistics of the chapel have suffered a decided slump. The Lounger's friends in the senior class have now a far-away look, as if the sheep they hope to slaughter are not yet in sight, so carefully guarded are they by the professional shepherds. Even the jovial architects have less time to devote to admiration of the sundry fair maidens with charms so lavishly displayed, who adorn the walls of their sanctum. The sudden zeal for work has also seized the Freshmen, and they have decided not to play base ball any more. After an erratic history, athletics are nearly at an end. Harvard has been outdone, and Gus Clapp is happy. Ninety-six has recovered from the odium which certain of her rural babblers cast upon her, and the "Technique" Board, with more or less success, is now fairly launched upon its long, laborious, and altogether thankless task. The Freshmen, owing to the Lounger's care, need not parade in the humiliating insignia of the pretentious militiaman. The brilliantly advertised and enthusiastically conducted boat race between the rival crews of Technology on the pond of the Public Garden has also passed into history—to the detriment of the Lounger's

betting capital. That was a poor investment, but the Lounger does not regret the money when he remembers the perspiring countenance of the combined stroke, bow, coxswain and paddle propeller of the defeated crew as he stepped ashore after the exciting bout about the island. The condition of the Lounger's pocketbook has a little to do with his leaving these walls of learning before the annual bills appear. Just thirty cents jingled mournfully in his pocket as he stood admiring the gauzy *decollte* costume of our professional company of dancers whose photographs have for so long adorned the walls of Roger's corridor. He was at a loss to know which of his admirers to choose till fickle Fate at a faro game called forth number seven. Still La Negresse pursues the Lounger, and the sweet face gazes pathetically from the mantel. But it will not be for long. The memories of sea-side and mountain-side one-man hotels are fast crowding in, and soon the blissful lassitude of vacation and an unaccustomed popularity will drown passing disappointments. As for next year, the Lounger is undecided. THE TECH editors are endeavoring to persuade him to return, but the Governor has not yet issued his annual proclamation, and the Faculty are wrestling with their annual uncertainty regarding him. The indications are not promising, but the Lounger is assured that next year the Freshmen will become bold enough to subscribe, that several Ninety-Five men will become Seniors, and so feel impelled to distinguish themselves by possessing copies of THE TECH all their own, and that Ninety-Six will continue their present record. Perhaps additional salary offered may still prove sufficient inducement. Besides that, there will be a whole batch of new cherubs ripe for the picking. It is possible that the Lounger will refuse a position offered him in "*Life's* new building," with the opportunity to use the elevator occasionally, and the call that comes from Ann Arbor to be exchange editor of *Wrinkle*. THE TECH office seems somewhat strange to the Lounger just now. The Janitor has washed the windows, and the office boy has combed down the exchanges, cut a new file, artistically strung the old boards in a chronologically and mathematically exact line around the room, put a carpet on the table, and thrown all the trophies of the Institute Committee into the waste basket. But when the dust of the summer is allowed to settle, the office may resume its old-time air, the Janitor may again forget to try to look through the windows, and the Lounger may return to his much-enjoyed task. In the meanwhile, the health of all and a jolly vacation!



After exams. are over,
After the ponies are torn,
After the dangers hovered
Over the students forlorn,
Many a papa is aching
Only that son to see
Who by the tutes was caught faking,
And shipped on the Q. T.

—Wrinkle.

A SERENADE.

Beneath my fair queen's lattice
I touch my light guitar,
And play there, while the cat is
My echo from afar.

But hark! how, softly stealing
From yonder window, creeps
A long, deep sound, revealing—
She sleeps, my lady sleeps.

—Tale Record.

VANITAS VANITATUM.

Two tender, thoughtful azure eyes,
Look lovingly at me;
A witching smile the red lips part,
And dazzling pearls I see.

I smooth aside the golden curls
That shade the snowy brow,
I touch the soft and dimpled cheeks,
Suffused with blushes now.

Ah, can it be that it is mine,
A face so fair as this?
I press it fondly to my own,
The ruby lips I kiss.

No thrill runs through me at the touch
Of those sweet lips, alas!
You see, I only kissed myself
Within the looking glass.

—Harvard Lampoon.

STILL AS OF YORE.

In the days of old,
When knights were bold,
And barons held their sway,
Men got together
And swore at the weather,
Just as they do to-day.

—Brunonian.

SIGN OF SPRING.

With prospects of a treeless waste
The botanists are grieving;
For though the sun calls forth the flowers,
Yet all the trees are leaving.

—Brunonian.

BETWEEN THE LINES.

'Twas a frosty little letter,
And a cutting one she wrote,
And I really knew no better,
So believed the little note.
Yet I planted it before me,
Like a puzzle, to unfold.
Wondering if 'twas really for me,
And just why so freezing cold.

We are on the sofa sitting,
With my arm around her bent;
Surely there's no time more fitting
To find out just what she meant
"Why, you stupid! Don't you know that
When a girl her heart defines,
She pens empty phrases, so that
You must read between the lines?"

—Williams Weekly.

NOT HIS JOB.

The motorman on the crowded car
Yelled to the taker of fare
(As a woman hailed it from afar):
"Can you squeeze 'nother lady in there?"
That bashful man, dazed and aghast,
Answered this in accent queer
(And madame heard as the car went past):
"We don't squeeze ladies in here."

—McMicken Review.

ALAS!

I'd like to sing of some fair maid,
In stately strains and slow,
Whose rolling verse and measured swell,
In polished dithyrambs, would tell
The love of long ago.

I'd like to sing of bloody war,
And deeds of "derring do,"
Of days when every gallant knight
Strove to be foremost in the fight,
And slay his country's foe.

I'd like to sing in strains like this—
Alas! it doesn't pay!
For "Murphy's Home," and "Casey's Flat,"
"Pat Doogan's Wife," and "Brady's Hat"—
That's what they want to-day!

—Tale Record.

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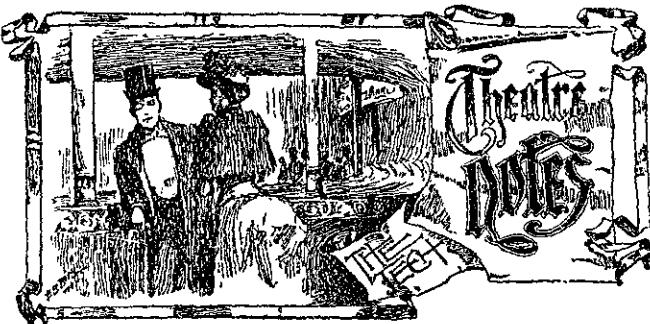
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BOSTON MUSEUM.—Mon-
day, May 14th, D'Oyley
Carte's London Opera Co.,
in "Utopia (Limited)." Evenings at 8 ; Wednesday
and Saturday matinees at 2.

TREMONT THEATRE.—Monday, May 14th, Francis Wilson, in "Erminie." Evenings at 8 ; Saturday matinee at 2.

BOWDOIN SQUARE THEATRE.—Monday, May 14th, Frank Mayo, in "Davy Crockett." Evenings at 8 ; Wednesday and Saturday matinees at 2.

PARK THEATRE.—Monday, May 14th, Kimball Opera Co., and Corinne, in "Hendrick Hudson." Evenings at 8 ; Saturday matinee at 2.

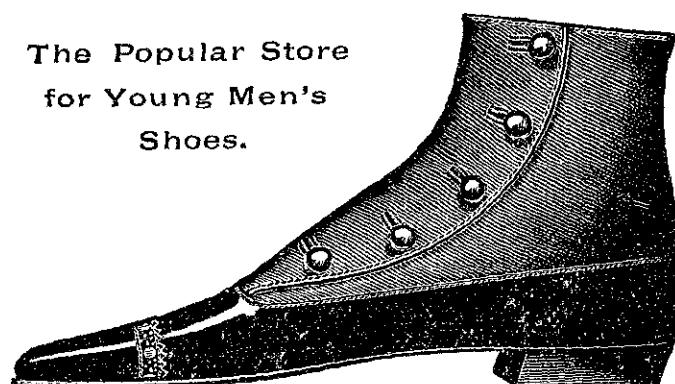
COLUMBIA THEATRE.—Monday, May 14th, Hagenbeck's Trained Animals. Evenings at 8 ; matinees at 2.

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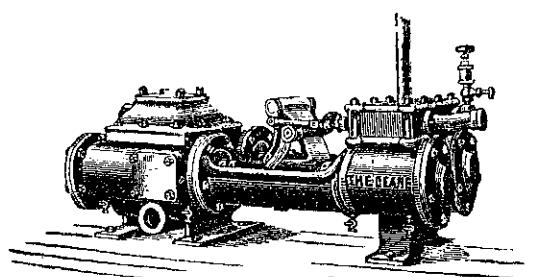
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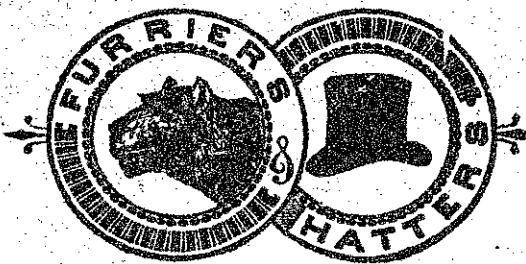
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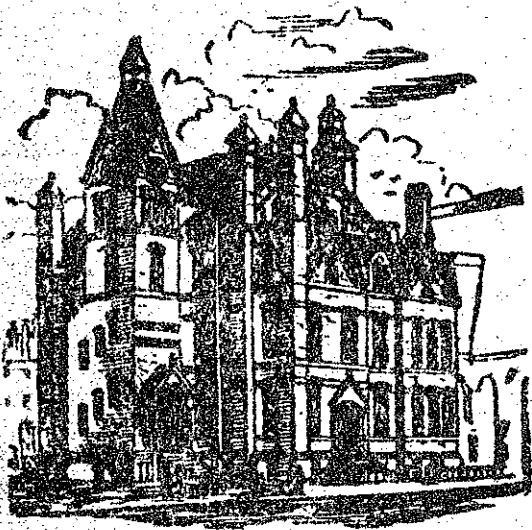
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